

HEAT ALARM User's Manual

Type: GS401



SPECIFICATION:

- Power source:** DC9V battery
- Battery specification:** 9Vdc Alkaline or Carbon Zinc Battery- GOLD PEAK GP1604P, GOLDEN POWER 1604D
- Battery Life:** at least 1 year.
- Alarm current:** <30mA
- Standby current:** <30uA
- Maximum ambient:** 50°C
- Recommended coverage:** 200 m²
- Recommended spacing:** 13.5m
- Maximum distance from wall:** 7.7m
- Alarm sound level:** 85 Decibels at 3 meters (10ft)

Locating the alarm

Heat alarms are intended to be supplementary to smoke alarms and should be placed in areas where smoke alarm cannot be used.

If your dwelling is on a single storey, for a minimum protection you should fit a smoke alarm in a corridor or hallway between the sleeping and living areas, place it as near to the living areas as possible and ensure the audible alarm can be heard when the bedrooms are occupied. See figure 1 for example/

If your dwelling is multi-storey, for minimum protection one smoke alarm should be fitted at the bottom of the staircase with further alarms fitted on each upstairs landing. This includes basements but excludes crawl spaces and unfurnished attics. See Figure 2 for example.

Note: for maximum protection smoke alarms should be fitted in every room (except kitchen, bathroom and garage). Heat Alarms located in kitchens, garages, boiler rooms etc. within 5.3m (17ft) of potential fire sources.

Do not fit an heat alarm in the bathroom, shower rooms or other room where the unit may be triggered by steam or condensation.

Positioning the alarms

mounting(See diagram 1,2)

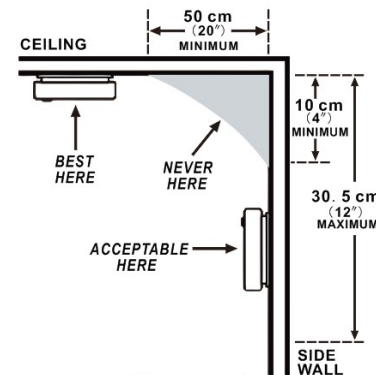


Diagram 1

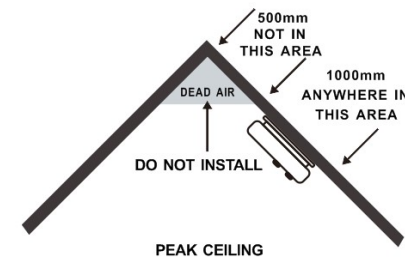


Diagram 2

On a sloping ceiling

In areas with stopping or peaked ceilings install your smoke alarm 900mm from the highest point measured horizontally because “dead air” at the apex may prevent

Areas to be avoided included the following:

- situations where the temperature may fall below 4°C or rise above 44°C
- Humid areas such as bathrooms, kitchens, shower rooms where the relative humidity may exceed 90%.
- Near a decorative object, door, light fitting, window molding etc. that may prevent smoke or heat from entering the alarm.
- Adjacent to or directly about hot components such as radiators or wall vents that can

effect the direction of air currents.

- In very dusty or dirty environments such as workshops.
- Locate unit at least 1.5m and route wiring at least 1m away from fluorescent light fittings as electrical “ noise” and/or flickering may affect the unit. Do not wire into the same circuit as fluorescent lights or dimmers.
- Do not locate in insect infested areas. Insects and contamination on the heat alarm sensor can increase its response time.

OPERATING YOUR HEAT ALARM

Once the heat Alarm has been installed a Red LED light flash approximately once a minute in normal operation .

When the Heat Alarm senses the temperature rise beyond the fixed temperature, the unit will emit a loud (85dB) pulsating alarm. During the alarm condition, the RED indication light (LED) will flash quickly.

Installation:

- 1: Mark the proper location on the wall or ceiling, according to the two holes of the bracket of alarm.
- 2: Drill two $\phi 5.0\text{mm}$ holes in the ceiling or wall, then insert two plastic plugs into the holes.
- 3: Attach the bracket to the plastic plugs and fix tightly the screws into the plastic plugs.
- 4: Fit the alarm on the bracket and turn the alarm body clockwise, until matching well on the bracket.
- 5: After installing or replacing the battery, reinstall your alarm. Test your alarm by using the test button and check that the red LED flashing about every 30 seconds.
- 6: Test heat alarm using test button. The horn pattern is 3 short beeps followed by 2 second pause and then repeats.

TESTING YOUR HEAT ALARM

It is recommended that you test your heat alarm once a week to ensure the detector is working correctly.

Push and hold the test button for approximately 3 seconds. A loud pulsating alarm should sound to indicate the correct function .During the alarm condition the indicator light will flash quickly.

MAINTAINING YOUR HEAT ALARM

If the heat Alarm emits a short ‘beep’ once a minute the battery is at the end of its life and should be replaced immediately. This low voltage warning will be given for at least 7 days. the battery should last for approximately one year.

If the red indicator light (LED) does not flash every minute then replace the battery.

Clean your alarm at least once every six months to prevent dust build up. This can be done using a vacuum cleaner with the brush attachment . Clean gently around the front grilled section and sides.

BATTERY REPLACEMENT

Replace the battery at least once annually, or immediately when the battery signal sounds once a minute.

NOTE:

this instruction leaflet contains important information on the correct installation and operation of your heat alarm. Read and retain for future reference

INISTALLATION SKETCH MAP

